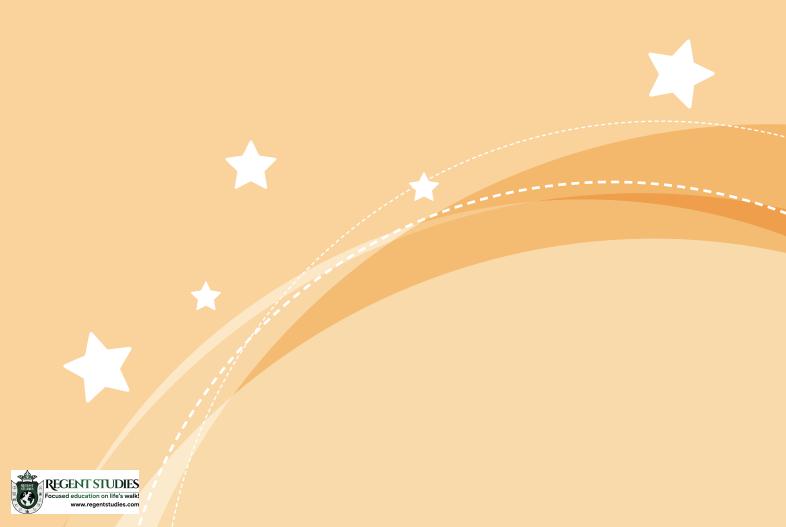
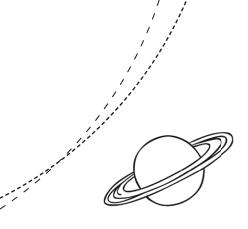


Mathematics Guide

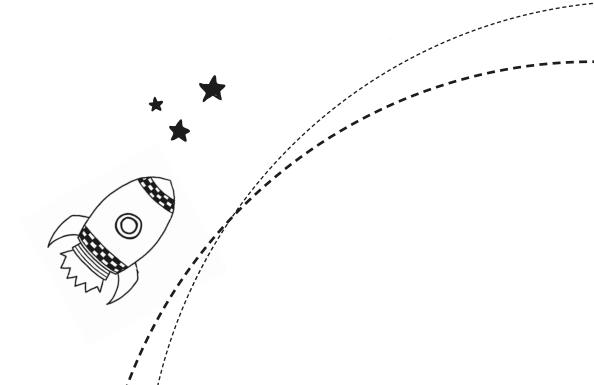




This is our scheme of work for the 2014 National Curriculum for Mathematics.

To help you save time we have designed resources to meet the aims in each area of mathematics. They have been developed by teachers and designed by our creative team to provide you with everything you need.

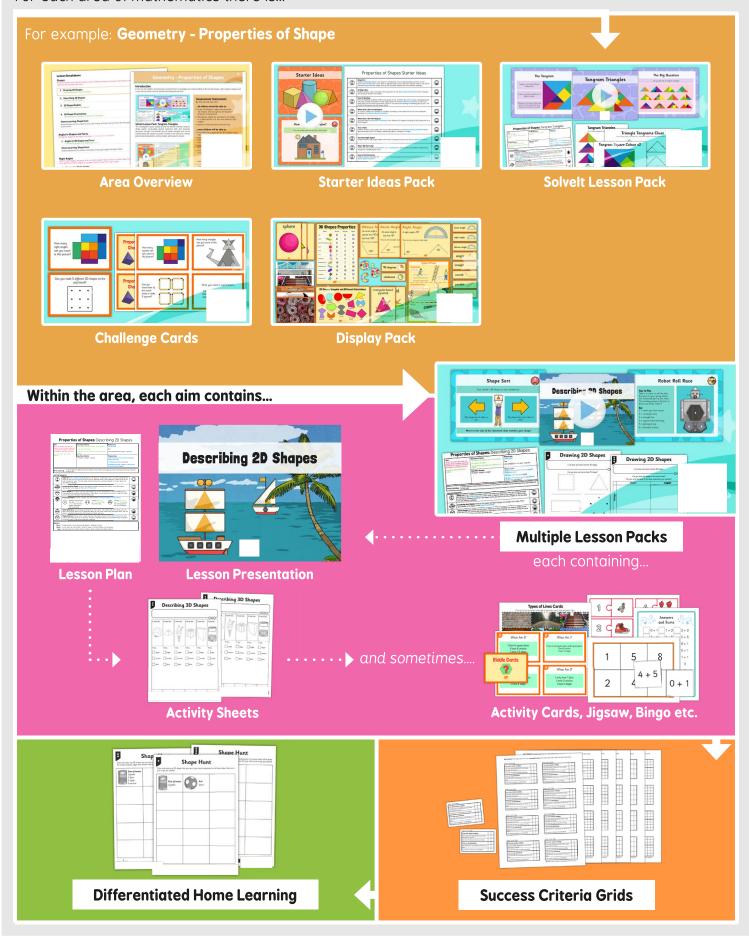
Each area of mathematics is covered by a flexible scheme of work including an area overview, an eyecatching display pack, a starter ideas pack, a set of handy challenge cards and a special investigative Solvelt lesson. The aims in each area of mathematics are covered by one or more standalone or linked lesson packs that teach objective-specific skills and could be used at any point in the year. Each lesson pack includes a detailed lesson plan, a lesson presentation, creative differentiated lesson activities and any other resources you may need. In addition to this, each aim is accompanied by differentiated home learning activities.





What Is in a PlanIt Area of Mathematics?

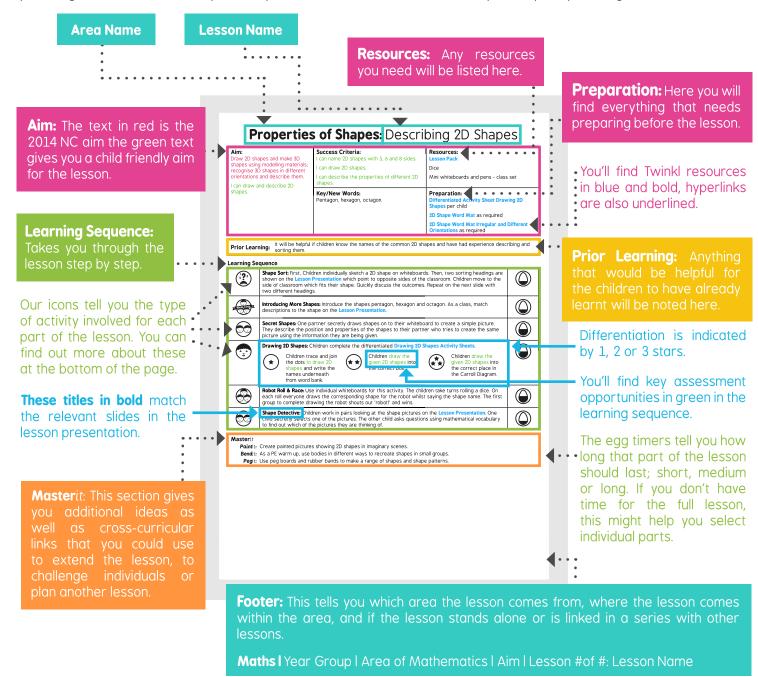
For each area of mathematics there is...



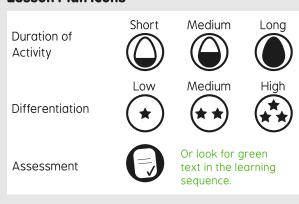


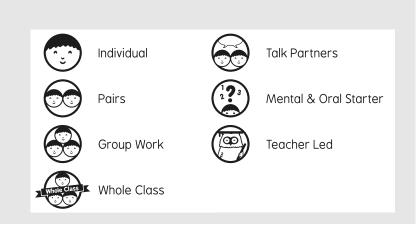
What Goes into a Plant Lesson Plan?

Each lesson pack contains a lesson plan as a pdf document. Text can be copied from the plan to your own planning format. The lesson plan is split into four main sections to help with your planning.







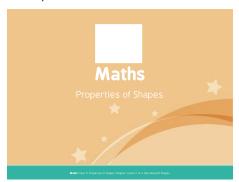




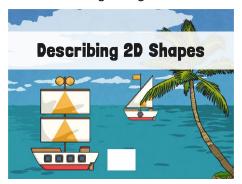
What Goes into a Plant Lesson Presentation?

Each lesson pack has a lesson presentation, available as a PowerPoint or interactive whiteboard file. The presentation frames the learning sequence as outlined on the lesson plan, providing information, posing questions and setting tasks.

Each presentation has the same 3 slides at the beginning;



Slide One: PlanIt title slide with the subject and the area title. The footer of the slide will match the lesson plan.



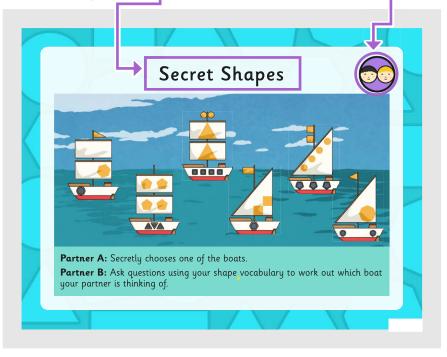
Slide Two: Child-friendly title slide. You might choose to start your lesson with this slide.

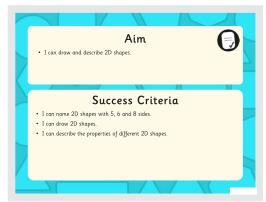


Slide Three: Child-friendly aim and success criteria.

Slide titles in the lesson presentation correspond with the bold titles in the learning sequence in the lesson plan.

You'll find the corresponding icon in the top right-hand corner. There is a key to the icons at the bottom of the page.

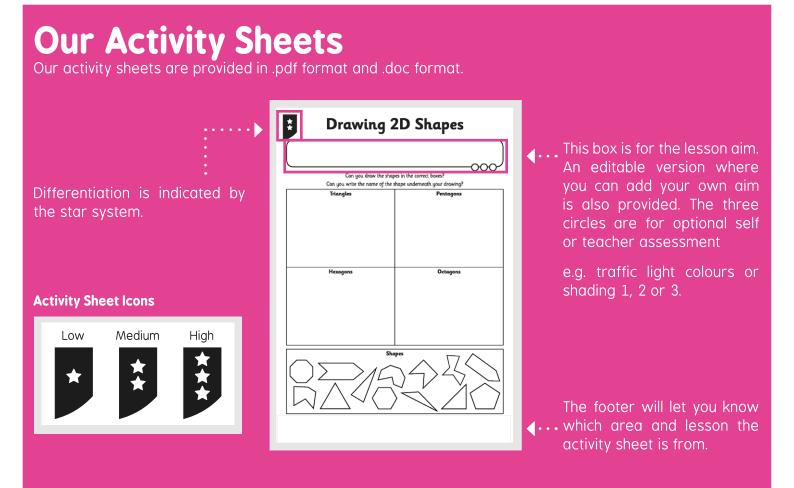




The success criteria slide will be repeated at the end of each presentation to facilitate assessment.

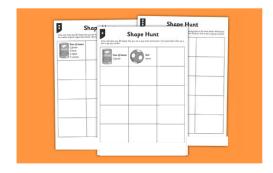






Home Learning

For each curriculum aim, differentiated home learning activities are provided.



What's in a PlanIt Starter Ideas Pack?

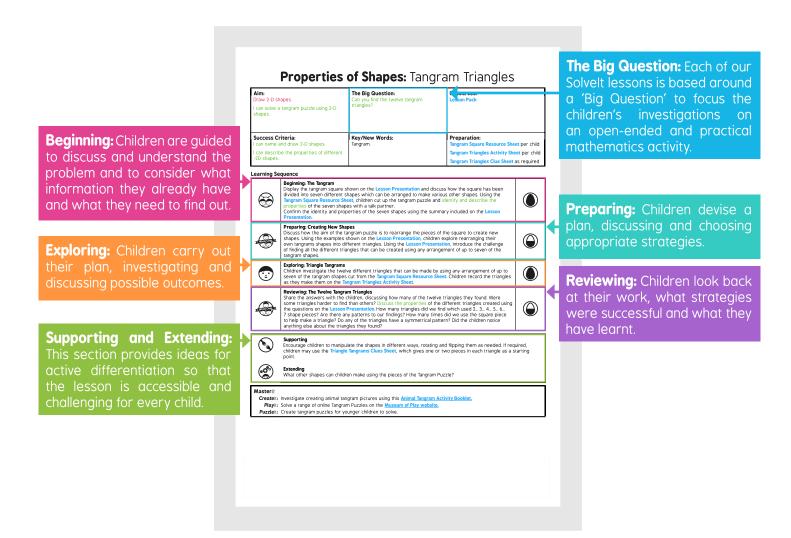
Each area of mathematics features a PlanIt starter ideas pack, which has everything you need to teach a range of mental and oral starters for that area. Each starter that is included on a lesson plan in the area will be featured in this pack, giving you the option to substitute another starter from the area to suit your class, or a starter from another area altogether. Each starter ideas pack contains a starter ideas plan, a starter ideas presentation, and any other resources you might need to teach the starters in the pack.





What Is a Planit Solveit Lesson?

PlanIt SolveIt lessons have been devised to provide a problem solving lesson for each area of the mathematics curriculum. Each lesson is based on investigating a 'Big Question', providing engaging and accessible activities that encourage skills of using, applying and mathematical reasoning. SolveIt lessons are structured a little differently to other PlanIt lessons, following the structure of the problem solving process, allowing you the freedom to teach over a longer session or a number of sessions, as required. Each SolveIt lesson pack contains a lesson plan, a lesson presentation, and accompanying lesson resources.



Additional Solvelt Lesson Icons



Supporting



Extending



Meet the Teacher Team Behind PlanIt

Leeanne

Experienced across the primary phase, Leeanne has an enthusiasm for literature and art. She is dedicated to promoting active and creative learning for children of all ages and abilities.





Nicola

With over 20 years' experience in teaching 5-11 year olds, Nicola now works as a specialist maths interventions teacher. She loves bringing enjoyment and fun to lessons, and helping children succeed with maths.

Helen

From an inner city school in London to a village school in Yorkshire, Helen is a former SENCo who has enjoyed 13 years teaching 6 to 11 year olds, focusing on a creative, cross curricular approach.



Hannah

With 11 years' experience as a primary teacher, Hannah enjoys teaching all subjects, but she particularly loves her specialist subject of music, and believes learning should always be fun.



Emma is an experienced primary teacher with an MA in Educational Leadership. She currently teaches a range of ages and enjoys creating exciting learning opportunities across the primary curriculum.



Helen

Helen is an experienced teacher, passionate about inspiring children through creative and engaging activities. She has enjoyed leading and developing specialisms in science, history and assessments.



Before retiring from teaching after 34 years, Dawn's final role was associate headteacher of a multicultural school. She loves bringing fun into the classroom, especially through games and role play.



Beth

Beth has over 9 years teaching experience in primary schools. She has led PE and ICT and enjoys creating lessons which engage children and are enjoyable for children and teachers.



Sue has experience in teaching 5 to 14 year olds, in very small schools, larger primary and middle schools and in the independent sector. She has expertise in humanities and computing.



Andrew h

Andrew has welcomed every challenge of being a classroom teacher, maths lead and SLT member for 12 years and never tires of inspiring new and enquiring minds.



Lisa has over 8 years' experience teaching 7-11 year olds. She has been a designated Leader of Gifted and Talented, SENDCo and Humanities. She has a passion to instil a love of learning through challenging, enriching and innovative lessons.



Rebecca

Rebecca has experience teaching 5-7 year olds and prides herself on making learning fun, real and creative. She is leader of geography and computing and enjoys all aspects of the curriculum.





